

April 27, 2007

TO: File

FROM: Lynn Kunzler, Sr. Reclamation Specialist



SUBJECT: Reduced Reclamation Surety Amount, Moss Rock Products, LLC, Klingon Rock Operations, S/049/060, Utah County, Utah

This memo is to document substantially lower reclamation cost estimate for the referenced site as compared to the Division's 'average cost' for reclamation surety.

This project will involve 5 acres of surface disturbance. Rock is harvested from the surface or near surface (less than ten feet). About a third of the area will be surface collection only and not require any regrading. The remaining area may be excavated to a depth of 10-15 feet, starting at the higher elevations of the area and moving down hill. Since the area is in unconsolidated material, the goal of the operator is to maintain a 3h:1v slope on the uphill side. This will greatly reduce the need for backfilling and grading. It was determined that \$10,000.00 would be an appropriate amount of surety for this site.

Note, the Elite Rock West Quarry, S/049/055 (adjacent and very similar to this operation), has a calculated bond amount of \$10,000. The Flower Patch Quarry (S/039/019) in Sanpete County (disturbance is more extensive) (had a calculated bond amount of \$10,000.00 for 5 acres.